

Publication number: JP8151577 (A)

Publication date: 1996-06-11

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Classification:

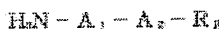
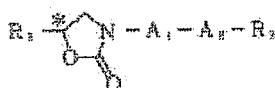
- international: C07D263/22; C07D263/24; C07D413/04; C07D417/04; C09K19/34; G02F1/13; G02F1/137; G02F1/141; C07D263/00; C07D413/00; C07D417/00; C09K19/34; G02F1/13; (IPC1-7): C07D263/22; C07D263/24; C07D413/04; C07D417/04; C09K19/34; G02F1/13; G02F1/141

- **European:**

Application number: JP199403194 99 19941130

Priority number(s): JP199403194 99 19941130

PURPOSE: To obtain a new optically active compound effective in property for providing large spontaneous polarization, high speed responsiveness, reduction of temperature dependence of response rate and high contrast and useful for liquid crystal display elements, liquid crystal-optical shutter, etc. **CONSTITUTION:** This compound is expressed by formula I [R1 is a straight chain, branched or cyclic 2-20C alkyl (CH2 in the alkyl may be substituted with O, S, CO, etc., without being adjacent to a hetero atom and CH3 in the alkyl may be substituted with CH2 F, etc.); R2 is a straight-chain, branched or cyclic 2-20C alkyl (CH2 in the alkyl may be substituted with O, S, CO, etc., without being adjacent to a hetero atom); A1 is pyrimidin-2,5-diyl, pyridin 2,5-diyl, etc.; A2 is A1 , a single bond, 1,4-phenylene, etc.; * represents optical activity], e.g. (5R)-3-(5-decyloxy pyrimidin-2-yl)-5-octyl-2-oxazolidinone. The compound of formula I is obtained by reacting a compound of formula II with a compound of formula III and cyclizing the resultant compound of formula IV with diethyl carbonate.



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